## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	218	(map\$1 or (maximum near3 posteriori\$2)) near4 (decod\$4 or detect\$4) and (forward\$1 or reverse\$1 or backward\$1) near3 (probabilit\$3 or recursi\$4) and (maximum\$1 or log\$1) near2 likeli\$2hood\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/09 16:51
L7 ·	3839	(375/265,340,341).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR .	OFF	2007/11/09 16:51
L8	76	7 AND 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/09 16:51
S13 .	22	(map\$1 or ((maximum or max) near3 posteriori\$2)) near4 (decod\$4 or detect\$4) and (forward\$1 or reverse\$1 or backward\$1) near3 (probabilit\$3 or recursi\$4) same updat\$4 and state\$1 near4 transition\$1 and (((maximum\$1 or log\$1) near2 likeli\$2hood\$1 ) or llr\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF .	2005/11/20 15:58
S14	18	(map\$1 or ((maximum or max) near3 posteriori\$2)) near4 (decod\$4 or detect\$4) and (forward\$4 or revers\$4 or backward\$4) same updat\$4 near4 (forward\$4 or backward\$4 or revers\$4) and state\$1 near4 transition\$1 and (((maximum\$1 or log\$1) near2 likeli\$2hood\$1) or llr\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/20 14:19
S15	1913	(375/265,340).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/20 15:57
S17	482	(375/265).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/20 16:22
S18	8	S17 and map near3 (decod\$4 or detect\$4) and trellis same (recurs\$4 or probabilit\$3) with transition\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/20 16:43

## **EAST Search History**

S19	25	S17 and map near3 (decod\$4 or detect\$4) and trellis same (recurs\$4 or probabilit\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/20 16:43
S23	863	(714/786,793,794).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/19 16:16
S24	8	S23 and (map\$1 or (maximum near2 posteriori\$1)) and trellis near5 (merg\$4 or cumulat\$4 or combin\$4) same transition\$1 with (state\$1 or stage\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/19 16:45
S25	1191	(714/786,793,792,794).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/19 16:55
S26	7	S25 and S24	USPAT	OR	OFF	2006/04/19 16:45
S27	16	S25 and (map\$1 or (maximum near2 posteriori\$1)) and trellis near5 (merg\$4 or cumulat\$4 or combin\$4) same transition\$1 with (state\$1 or stage\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/19 16:56
S28	1469	(714/769,786,793,792,794).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/19 17:09
S29	16	S28 and (map\$1 or (maximum near2 posteriori\$1)) and trellis near5 (merg\$4 or cumulat\$4 or combin\$4) same transition\$1 with (state\$1 or stage\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/19 16:57
S30	28	S28 and (map\$1 or (maximum near2 posteriori\$1)) and (trellis or (state\$1 near2 transition\$1)) near5 (merg\$4 or cumulat\$4 or combin\$4) same transition\$1 with (state\$1 or stage\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR .	OFF	2006/04/19 16:58
S31	25	S28 and (map\$1 or (maximum near2 posteriori\$1)) and trellis same transition\$1 with (state\$1 or stage\$1) and (forward\$1 or backward\$1 or revers\$4) near3 probabilit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/19 17:10

## **EAST Search History**

S35	32	S33 and (map\$1 or (maximum near2 posteriori\$1)) and trellis same transition\$1 with (state\$1 or stage\$1) and (forward\$1 or backward\$1 or revers\$4) near3 (probabilit\$4 or reliabilit\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/19 17:23
S38	13	trellis with merg\$4 and ((forward backward) near (probabilit\$3 metric state\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/08 17:20
S43	. 5	map near3 (process\$4 or decod\$4 or detect\$4) and merg\$4 near4 trellis and (forward or backward or reverse\$2) near3 probabilit\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/08 18:29
S46	1579	(714/769,786,793,792,794).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/31 17:06
S47	30	S46 and (map\$1 or (maximum near2 posteriori\$1)) and (trellis or (state\$1 near2 transition\$1)) near5 (merg\$4 or cumulat\$4 or combin\$4) same transition\$1 with (state\$1 or stage\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/31 17:06
S48	1682	(714/769,786,793,792,794).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR ·	OFF	2007/05/11 17:53
S49		S48 and (map\$1 or (maximum near2 posteriori\$1)) and (trellis or (state\$1 near2 transition\$1)) near5 (merg\$4 or cumulat\$4 or combin\$4) same transition\$1 with (state\$1 or stage\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/11 17:53